

Recombinant Full Length Human DNAJA3 Protein, C-Flag-tagged

Cat. No. DNAJA3-1700HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DNAJA3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the DNAJ/Hsp40 protein family. DNAJ/Hsp40 proteins stimulate the ATPase activity of Hsp70 chaperones and play critical roles in protein folding, degradation, and multimeric complex assembly. The encoded protein is localized to mitochondria and mediates several cellular processes including proliferation, survival and apoptotic signal transduction. The encoded protein also plays a critical role in tumor suppression through interactions with oncogenic proteins including ErbB2 and the p53 tumor suppressor protein. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.3 kDa
AA Sequence	MAARCSTRWLLVVVGTPRLPAISGRGARPPREGVVGAWLSRKLSVPAFASSLTSCG PRALLTLRPGVSLT GTKHYPFICTASFHTSAPLAKEDYYQILGVPRNASQKEIKKAYY QLAKKYHPDTNKDDPKAKEKFSQLAE AYEVLSDDEVKRKQYDAYGSAGFDPGASGS QHSYWKG GPTVDPEELFRKIFGEFSSSSFGDFQTVFDQPQE YFMELTFNQAAGV

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NKEFTVNIMDTCERCNGKGNPGTKVQHCHYCGGSGMETINTGPFVMRSTCRRCG
 G RGSIIISPCVVCRGAGQAKQKKRVMIPVPAGVEDGQTVRMPVGKREIFITFRVQKS
 PVFRRDGADIHSDL FISIAQALLGGTARAQGLYETINVTIPPGTQTDQKIRMGGKGIP
 RINSYGYGDHYIHIKIRVVKRLTSRQ
 QSLILSYAEDETDVEGTVNGVTLTSSGGSTMDSSAGSKARREAGEDEEGFLSKLKK
 MFTSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	DNAJA3 DnaJ heat shock protein family (Hsp40) member A3 [Homo sapiens (human)]
Official Symbol	DNAJA3
Synonyms	TID1; HCA57; hTID-1
Gene ID	9093

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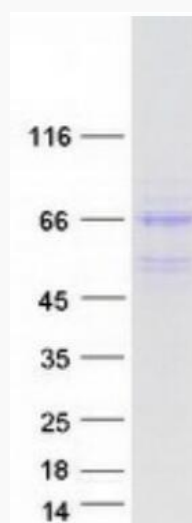
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mRNA Refseq [NM_005147.6](#)

Protein Refseq [NP_005138.3](#)

MIM [608382](#)

UniProt ID [Q96EY1](#)



Coomassie blue staining of purified DNAJA3 protein.

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